

CC 93-162

**BELLSOUTH**

W. W. (Whit) Jordan  
Director-Federal Regulatory

Suite 900  
1133 21st Street, N.W.  
Washington, D.C. 20036  
(202) 463-4114

May 19, 1994

DOCKET FILE COPY ORIGINAL

RECEIVED

SEP 11 1996

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF SECRETARY

Mr. Gregory J. Vogt  
Chief, Tariff Division  
Common Carrier Bureau  
Federal Communications Commission  
1919 M Street, N.W. - Room 518  
Washington, D.C. 20554

RE: Data Request, Special Access Expanded  
Interconnection Filings Reference: 1600C1

Dear Mr. Vogt:

The attached information is in response to your letter dated  
May 10, 1994, regarding the Special Access Expanded  
Interconnection Filings.

Please call me if you have any questions.

Sincerely,

*Maurice P. Talbot, Jr.*

for W. W. (Whit) Jordan  
Executive Director - Federal Regulatory

Attachments

No. of Copies rec'd 1  
LIST ABOVE

ATTACHMENT 1

Question:

"...isolate the channel termination information by disaggregating all the data...submitted in response to...March 11 letter into two segments: channel termination service and the channel mileage residual. That data should include the rates, direct costs, overhead factors, and underlying cost study data for all point-to-point DS1 and DS3 services.

Answer:

See attached Exhibit 1, Page 1 of 2, and Page 2 of 2

**OVERHEAD FACTORS  
BASED ON DS1 AND DS3 SERVICE SCENARIOS  
AS IDENTIFIED IN FCC DATA REQUEST DATED MARCH 11, 1994  
LOCAL CHANNEL (CHANNEL TERMINATION SERVICE)**

<u>DS1</u>	<u>COSTS</u>	<u>RATES</u>	<u>RATIO</u>
MTM	\$83.73	\$137.00	1.64
24/48 MONTHS	\$83.73	\$127.00	1.52
49/72 MONTHS	\$83.73	\$124.00	1.48

<u>ASWC</u>			
MTM	\$194.42	\$320.00	1.65
24/48 MONTHS	\$194.42	\$275.00	1.41
49/72 MONTHS	\$194.42	\$250.00	1.29 ✓

<u>LIGHTGATE1</u>			
MTM	\$1,815.17	\$2,753.25	1.52
24/48 MONTHS	\$1,586.00	\$2,492.00	1.57
49/72 MONTHS	\$1,535.71	\$2,345.25	1.53
73/96 MONTHS	\$1,513.27	\$2,133.50	1.41

<u>LIGHTGATE2</u>			
MTM	\$2,460.97	\$5,208.25	2.12
24/48 MONTHS	\$2,116.37	\$4,647.00	2.20
49/72 MONTHS	\$2,040.71	\$4,275.25	2.09
73/96 MONTHS	\$2,006.97	\$3,903.50	1.94

<u>LIGHTGATE3</u>			
MTM	\$6,084.07	\$8,643.25	1.42
24/48 MONTHS	\$5,051.57	\$7,532.00	1.49
49/72 MONTHS	\$4,824.93	\$7,035.25	1.46
73/96 MONTHS	\$4,723.61	\$6,513.50	1.38

<u>LIGHTGATE4</u>			
MTM	\$11,456.63	\$15,498.25	1.35
24/48 MONTHS	\$9,474.79	\$13,087.00	1.38
49/72 MONTHS	\$9,030.24	\$12,265.25	1.36
73/96 MONTHS	\$8,845.00	\$11,493.50	1.30 ✓

<u>SMARTRING (12 RING)</u>			
MTM	\$20,495.25	\$33,449.40	1.63
24/48 MONTHS	\$14,090.18	\$22,040.00	1.56
49/72 MONTHS	\$13,363.23	\$20,176.40	1.51
73/96 MONTHS	\$12,999.91	\$18,672.40	1.44

<u>SMARTRING (24 RING)</u>			
MTM	\$25,979.34	\$45,269.40	1.74
24/48 MONTHS	\$19,574.27	\$32,210.00	1.65
49/72 MONTHS	\$18,847.32	\$29,496.40	1.57
73/96 MONTHS	\$18,484.00	\$27,192.40	1.47

**OVERHEAD FACTORS  
BASED ON DS1 AND DS3 SERVICE SCENARIOS  
AS IDENTIFIED IN FCC DATA REQUEST DATED MARCH 11, 1994  
INTEROFFICE (CHANNEL MILEAGE RESIDUAL)  
(Channel Mileage & 2 Channel Mileage Terminations)**

<u>DS1</u>	<u>COSTS</u>	<u>RATES</u>	<u>RATIO</u>
MTM	\$58.07	\$442.56	7.62
24/48 MONTHS	\$58.07	\$427.00	7.35
49/72 MONTHS	\$58.07	\$410.44	7.07

<u>ASWC</u>			
MTM	n/a	n/a	n/a
24/48 MONTHS	n/a	n/a	n/a
49/72 MONTHS	n/a	n/a	n/a

<u>LIGHTGATE1</u>			
MTM	\$944.69	\$3,981.00	4.21
24/48 MONTHS	\$944.69	\$3,599.40	3.81
49/72 MONTHS	\$944.69	\$3,294.45	3.49
73/96 MONTHS	\$944.69	\$3,066.15	3.25

<u>LIGHTGATE2</u>			
MTM	\$2,834.08	\$11,943.00	4.21
24/48 MONTHS	\$2,834.08	\$10,798.20	3.81
49/72 MONTHS	\$2,834.08	\$9,883.35	3.49
73/96 MONTHS	\$2,834.08	\$9,198.45	3.25

<u>LIGHTGATE3</u>			
MTM	\$11,336.33	\$47,772.00	4.21
24/48 MONTHS	\$11,336.33	\$43,192.80	3.81
49/72 MONTHS	\$11,336.33	\$39,533.40	3.49
73/96 MONTHS	\$11,336.33	\$36,793.80	3.25

<u>LIGHTGATE4</u>			
MTM	\$22,672.67	\$95,544.00	4.21
24/48 MONTHS	\$22,672.67	\$86,385.60	3.81
49/72 MONTHS	\$22,672.67	\$79,066.80	3.49
73/96 MONTHS	\$22,672.67	\$73,587.60	3.25

<u>SMARTRING (12 RING)</u>			
MTM	\$242.27	\$558.00	2.30
24/48 MONTHS	\$242.27	\$502.20	2.07
49/72 MONTHS	\$242.27	\$446.40	1.84
73/96 MONTHS	\$242.27	\$390.60	1.61

<u>SMARTRING (24 RING)</u>			
MTM	\$242.27	\$558.00	2.30
24/48 MONTHS	\$242.27	\$502.20	2.07
49/72 MONTHS	\$242.27	\$446.40	1.84
73/96 MONTHS	\$242.27	\$390.60	1.61

ATTACHMENT 2

Question:

"... based on circuit usage for all study areas combined, the relative shares of DS1 and DS3 services that are attributable to channel termination service and to the broader configuration service which also includes channel mileage."

Answer:

The information listed below is based on 1992 annual billed demand.

Service	Channel Termination Service (Circuits without Channel Mileage)	Broader Configuration (Circuits with Channel Mileage)
DS1	49.99%	50.01%
ASWC	100%	0%
(ASWC consists of only one rate element.)		
DS3 LightGate	76.87%	23.13%
SMARTRing	*	*

- \* The type of tracking information used to calculate the DS1 and DS3 percentages is not available for SMARTRing because SMARTRing is provided in a ring configuration (as defined in Section 7 of BellSouth Telecommunications, Inc.'s Access Service Tariff FCC No. 1). It is most likely that a SMARTRing Service would include channel mileage.